Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 04 Jan 2022 until 23:59 on Wednesday 05 Jan 2022

Forecast Issued on Monday 03 Jan 2022 at 15:04

Confidence: High for a cold and bright start to the period. Then unsettled with rain or showers, the showers wintry at times.

Headline for Tuesday 04 Jan 2022: Cold and windy, but bright with sunny or clear spells. Chance of snow showers.

Mountain weather hazards on Tuesday 04 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Clear night	Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	<05%	<05%	10%	30%	30%	30%	20%

Forecast for Tuesday 04 Jan 2022

Weather: It will be mainly dry and bright with sunny or clear spells. However, the odd snow shower is possible. Cold northwest with a severe wind chill over the summits.

Chance of cloud free mountain/hill tops above 800m: 90%

Visibility: Mostly very good or excellent, but poor or very poor in any snow showers. Generally no significant cloud, but occasional or extensive cloud, base 600 to 900m, in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 04 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/39 N	35/41 N	34/41 N	39/47 NW	36/45 NW	36/46 NW	38/48 NW	39/50 NW	37/47 NW
600	21/29 N	22/31 N	21/28 NW	25/35 NW	26/35 NW	26/37 NW	27/38 NW	29/41 NW	27/40 NW
300	9/25 N	8/26 N	8/26 NW	9/30 NW	11/31 NW	11/32 NW	11/32 NW	12/34 NW	11/32 NW
Valley	15/32 N	9/27 N	9/26 NW	9/28 NW	12/30 NW	11/30 NW	11/30 NW	12/31 NW	11/29 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-14	-5/-15	-5/-15	-5/-16	-5/-15	-5/-15	-5/-16	-5/-16	-4/-15
600	-2/-10	-3/-11	-3/-11	-3/-11	-2/-10	-2/-10	-3/-11	-3/-11	-2/-10
300	0/-4	-1/-5	-1/-5	-1/-5	1/-4	1/-4	-0/-5	-0/-5	0/-5
Valley	3/-2	2/-2	2/-2	2/-2	4/-1	3/-0	2/-2	3/-2	3/-1
Freezing Level*	200m	100m	100m	100m	200m	200m	100m	100m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Much colder than recently with a severe wind chill over the summits.

Forecast for Wednesday 05 Jan 2022

Weather: Mainly dry and bright with sunny or clear spells. A widespread frost.

Maximum wind: Northwest 30 gusting 45mph at first over the summits with a severe wind chill. Winds easing during daylight hours.

Chance of cloud free mountain/hill tops above 800m: 90%

Visibility: Mostly very good or excellent. Generally no significant cloud, perhaps patches at times over the summits.

Temperature: **Valleys:** Minus 2 Celsius rising to Plus 3 Celsius around the middle of the day.
At 800m: Minus 3 Celsius
Freezing level: All levels early and later in the day. Around 300m around the middle of the day.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 3 January 2022. Location: Helvellyn summit at 12:15. Full report: Lakeland paths and virtually all the fells up to and including summit level are now free from snow. The insignificant remaining snow patches lie above 800m and predominantly above 900m in sheltered spots and hollows and on E and N facing slopes. It was plus 2 degrees and raining on the summit at midday resulting in the snow being soft and continuing to thaw. These milder temperatures are currently forecast to end on Monday night with a return to a frost at valley level. With the ground being saturated from today's rain, (along with the assessor!), walkers out on Tuesday should expect, and be prepared to encounter, ice especially at altitude. Depending upon where the unpredictable overnight showers fall, walkers venturing out onto the fells on Tuesday may also encounter fresh snow. Even with the summit temperature today being above freezing, the summit windchill (what the temperature feels like) was well below freezing at minus 7 degrees. On Tuesday, both the actual temperature and windchill will be colder, so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment (including map & compass and the ability to use them) are all essential for anyone venturing out onto the high fells. Given the likelihood for encountering ice on paths, microspikes may well be worth carrying. Temperature: plus 1.7 C, Maximum wind speed 32.2 mph, Wind chill: minus 6.8 C, Average wind speed: 23.3 mph

Issued at: 1504 on Mon 03 Jan 2022

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